

| Ref # | Hits   | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| L1    | 867    | "quick connect coupling"   | USPAT   | OR               | OFF     | 2005/06/07 23:01 |
| S3    | 2072   | ((403/78) or (403/15) or (403/164) or (403/52) or (403/1) or (403/31) or (403/60)).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/06/06 15:10 |
| S4    | 151    | S3 swivel  | USPAT   | AND              | OFF     | 2005/06/06 15:11 |
| S5    | 148    | (403/60).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/06/06 16:11 |
| S6    | 1930   | ((403/78) or (403/15) or (403/164) or (403/52) or (403/1) or (403/31)).CCLS.             | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/06/06 16:29 |
| S9    | 19348  | "slip ring"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/06/06 16:30 |
| S10   | 713    | S9 swivel  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2005/06/06 16:50 |
| S11   | 3      | ((("2832374") or ("4214780"))).PN.   | USPAT;<br>USOCR   | OR               | OFF     | 2005/06/06 16:50 |
| S12   | 7      | ("3648311"   "3684316").PN. OR ("4214780").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2005/06/06 16:50 |
| S13   | 10     | ("2832374").URPN.  | USPAT   | OR               | OFF     | 2005/06/06 16:52 |
| S14   | 1906   | ((137/560) or (137/580) or (439/13) or (439/6) or (439/20)).CCLS.                        | USPAT;<br>USOCR   | OR               | OFF     | 2005/06/06 20:01 |
| S15   | 82     | S14 swivel   | USPAT   | AND              | OFF     | 2005/06/06 20:06 |
| S16   | 1541   | ((285/276) or (285/278) or (285/149.1) or (285/152.1) or (285/153.1)).CCLS.              | USPAT;<br>USOCR   | OR               | OFF     | 2005/06/06 21:35 |
| S17   | 533177 | rotary joint   | USPAT   | OR               | OFF     | 2005/06/06 21:36 |
| S18   | 33408  | rotary joint   | USPAT   | AND              | OFF     | 2005/06/07 19:31 |
| S19   | 99991  | spiral   | USPAT   | AND              | OFF     | 2005/06/06 21:36 |
| S20   | 2513   | S18 S19  | USPAT   | AND              | OFF     | 2005/06/06 21:36 |
| S21   | 43566  | swivel   | USPAT   | AND              | OFF     | 2005/06/06 21:36 |
| S22   | 240    | S20 S21  | USPAT   | AND              | OFF     | 2005/06/06 21:36 |
| S23   | 4      | ("2641629").URPN.  | USPAT   | OR               | OFF     | 2005/06/07 10:08 |
| S24   | 0      | ("2004/0202505").URPN.   | USPAT   | OR               | OFF     | 2005/06/07 10:09 |
| S25   | 0      | ("2005/0079007").URPN.   | USPAT   | OR               | OFF     | 2005/06/07 10:09 |

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|-----|----|--|------------------------------|----|-----|------------------|
| S26 | 21 | ("3055227"   "4540331"   "4639184"<br>  "4700932"   "4714865"  <br>"4786769"   "4797564"   "4842114"<br>  "4860864"   "4954005"  <br>"4998606"   "5086901"   "5558182"<br>  "5626216"   "5678944"  <br>"5915506"   "5964124"  <br>"6069415").PN. OR ("6214057").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:09 |
| S27 | 0  | ("2001/0048043").URPN.   | USPAT                        | OR | OFF | 2005/06/07 10:11 |
| S28 | 16 | ("3481148"   "3643887"   "4067545"<br>  "4114736"   "4446884"  <br>"4523664"   "4681279"   "4793376"<br>  "5135181"   "5794878"  <br>"6080007").PN. OR ("6234417").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:11 |
| S29 | 32 | ("3944798"   "4313263"   "4388758"<br>  "4593470"   "4606696"  <br>"4676002"   "4703443"   "4888877"<br>  "5084981"   "5148377"  <br>"5174039"   "5402582").PN. OR<br>("5829148").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:12 |
| S30 | 11 | ("2825463"   "3443747"   "4214780"<br>  "4377253"   "4405162"  <br>"4683912"   "4749335"  <br>"5462083").PN. OR ("5810034").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:15 |
| S31 | 28 | ("0908414"   "2273579"   "2365538"<br>  "2820650"   "3096103"  <br>"3517694"   "3820600"   "3847107"<br>  "4210975"   "4214780"  <br>"4250918"   "4260183"   "4260382"<br>  "4570978"   "4611834"  <br>"4635971"   "4676241"   "4683912"<br>  "4801161"   "5022686"  <br>"5110159").PN. OR ("5435607").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:16 |
| S32 | 30 | ("1598606"   "1909947"   "2164390"<br>  "2215635"   "3075071"  <br>"3240925"   "4165530"   "4316237"<br>  "4459647"   "4463413").PN. OR<br>("4581689").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:17 |
| S33 | 5  | ("3167332").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:19 |
| S34 | 1  | ("3146411").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:20 |
| S35 | 16 | ("1551332"   "1822260"   "2826440"<br>  "3322886"   "3593952"  <br>"4659279"   "4700017").PN. OR<br>("4906121").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:20 |
| S36 | 10 | ("3012801").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:22 |
| S37 | 0  | ("2457320").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:22 |
| S38 | 0  | ("1404787").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:22 |

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| S39 | 1  | ("1303714").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:23 |
| S40 | 0  | ("832913").URPN.   | USPAT                        | OR | OFF | 2005/06/07 10:23 |
| S41 | 6  | ("3290065").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:32 |
| S42 | 10 | ("3012801").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:32 |
| S43 | 1  | ("2094656").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:33 |
| S44 | 3  | ("4506698"   "5787923"  <br>"RE32510").PN. OR ("6637454").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:33 |
| S45 | 15 | ("3526418"   "4362324"  <br>"4702276").PN. OR ("4823835").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:33 |
| S46 | 16 | ("3322886").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:35 |
| S47 | 1  | ("2323575").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:36 |
| S48 | 12 | ("1648624"   "1724815"   "2447026"<br>  "2825586"   "3091484"  <br>"3409315").PN. OR ("5913544").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:36 |
| S49 | 14 | ("1994169"   "3429588"   "3889983"<br>  "3957294"   "4253684").PN. OR<br>("5058927").URPN.                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:37 |
| S50 | 19 | ("0961216"   "2561246"   "2913002"<br>  "3333598"   "4601087"  <br>"4726397").PN. OR ("4848400").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:37 |
| S51 | 7  | ("1053621"   "2425211"  <br>"3545342").PN. OR ("4605249").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:38 |
| S52 | 2  | ("1889980").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:39 |
| S53 | 2  | ("1886207").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:39 |
| S54 | 1  | ("929953").URPN.   | USPAT                        | OR | OFF | 2005/06/07 10:39 |
| S55 | 2  | ("3361451").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:39 |
| S56 | 3  | ("3191974").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:40 |
| S57 | 24 | ("3011803").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:40 |
| S58 | 14 | ("3002769").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:41 |
| S59 | 9  | ("2729473").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:41 |
| S60 | 2  | ("1889980").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:42 |
| S61 | 7  | ("3648311"   "3684316").PN. OR<br>("4214780").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:42 |
| S62 | 6  | ("2632660"   "3942751"   "4314319"<br>  "4427382"   "4581689").PN. OR<br>("6338566").URPN.                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:42 |
| S63 | 26 | ("3240925").URPN.  | USPAT                        | OR | OFF | 2005/06/07 10:43 |

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| S64 | 16 | ("1913489"   "1983854"   "2786532"<br>  "2788073"   "3195638"  <br>"3290065"   "3301324"  <br>"3628604").PN. OR ("3765485").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:44 |
| S65 | 10 | ("3026129"   "3322886"   "3789415"<br>  "3909047"   "4183559"  <br>"4597595"   "4643462"  <br>"5003320").PN. OR ("6361237").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:45 |
| S66 | 19 | ("2037324"   "3026129"   "3089210"<br>  "3322886").PN. OR ("3909047").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:46 |
| S67 | 25 | ("1744040"   "2688733"   "2700139"<br>  "2729473"   "2817871").PN. OR<br>("3857625").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:47 |
| S68 | 30 | ("0576769"   "0816759"   "2164608"<br>  "2626742"   "2981917"  <br>"3185838"   "3200731"   "3223826"<br>  "3240925"   "3441329"  <br>"4240603"   "4977850"   "D101740"<br>  "D311772").PN. OR ("5403162").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:48 |
| S69 | 4  | ("3026129").URPN.   | USPAT                        | OR | OFF | 2005/06/07 10:49 |
| S70 | 4  | ("3026129").URPN.   | USPAT                        | OR | OFF | 2005/06/07 10:50 |
| S71 | 11 | ("3477746"   "3909047"   "4015416"<br>  "4436048"   "4597595"  <br>"4639228"   "4643462"   "4648848"<br>  "4915416"   "5201551").PN. OR<br>("6338505").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:50 |
| S72 | 19 | ("3026129"   "3351360"   "3698433"<br>  "3838718"   "4052090"  <br>"4065159").PN. OR ("4183559").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:51 |
| S73 | 18 | ("3026129"   "3351360"   "3698433"<br>  "3838718"   "4052090"  <br>"4065154").PN. OR ("4174127").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/06/07 10:52 |
| S74 | 15 | ("3477746").URPN.   | USPAT                        | OR | OFF | 2005/06/07 15:40 |

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|-----|------|---|-----------------|-----|-----|------------------|
| S75 | 48   | ("4388948" "5488215" "6209650"<br>"6209650" "4453672" "4387660"<br>"4388025" "4819897" "6361237"<br>"4393906" "4763932" "4830569"<br>"5358352" "4537343" "5848910"<br>"6112769" "4305607" "4432558"<br>"4491336" "4613140" "4779650"<br>"4787859" "4921010" "4998317"<br>"5002433" "5275444" "5484181"<br>"6217082" "6217082" "5018546"<br>"5515593" "5944364" "4369713"<br>"4436451" "4550928" "4553938"<br>"4802696" "5312138" "5346446"<br>"5671954" "5836361" "6145559"<br>"4257718" "4268084" "5000653"<br>"5188054" "5487677" "5906450"<br>"6114631" "6182763").pn. | USPAT           | OR  | OFF | 2005/06/07 15:56 |
| S78 | 582  | ((403/34) or (403/37) or (403/38)<br>or (403/39)).CCLS.   | USPAT;<br>USOCR | OR  | OFF | 2005/06/07 16:42 |
| S80 | 2590 | rotary adj joint  | USPAT           | AND | OFF | 2005/06/07 19:32 |
| S81 | 834  | S80 flexible  | USPAT           | AND | OFF | 2005/06/07 19:32 |
| S83 | 91   | S81 swivel  | USPAT           | AND | OFF | 2005/06/07 19:33 |
| S84 | 3    | (("2832374") or ("4214780")).PN.  | USPAT;<br>USOCR | OR  | OFF | 2005/06/07 20:46 |